

IN THE CLAIMS

1. (Currently Amended) A device for sealing a hole in a blood vessel, comprising:
a ring;
a plurality of spikes extending from said ring, towards a center of said ring and to a first direction along an axis of said ring, said spikes being adapted for engaging a blood vessel; and
a plurality of tabs extending substantially radially from said ring,
wherein rotating said tabs around said ring distorts said ring such that said spikes are rotated in a same direction as said tabs and push together blood vessel lips of a hole in a blood vessel mounted on said spikes, to close a hole in said blood vessel.
2. (Original) A device according to claim 1, wherein said device is comprised of a super-elastic material.
3. (Original) A device according to claim 1, wherein said spikes are curved.
4. (Currently amended) A device according to claim 1, wherein said tabs and said spikes are attached in pairs of one spike and one tab at a plurality of locations along the circumference of said ring, such that the device includes a same number of tabs as spikes.
5. (Original) A device according to claim 1, wherein said tabs and said spikes are not attached at same locations along the circumference of said ring.
6. (Original) A device according to claim 1, wherein said spikes are evenly arranged around the circumference of said ring.
7. (Original) A device according to claim 1, wherein said ring has a resting state in a shape of a circle.
8. (Original) A device according to claim 1, wherein said ring has a resting state in a shape of an ellipse with a large ratio between the length of its two axes.

9. (Original) A device according to claim 8, wherein said spikes are arranged on opposing sides of said ellipse
10. (Original) A device according to claim 1, wherein said spikes are substantially perpendicular to a plane defined by said ring.
11. (Original) A device according to claim 1, wherein said spikes are slanted in a same direction relative to a plane defined by said ring.
12. (Original) A device according to claim 1, wherein said ring is radially expandable.
13. (Original) A device according to claim 1, wherein said plurality of spikes comprises two spikes.
14. (Original) A device according to claim 1, wherein said plurality of spikes comprises three spikes.
15. (Original) A device according to claim 1, wherein said plurality of spikes comprises five spikes.
16. (Currently amended) A device according to claim 1, wherein said plurality of spikes comprises no more than six spikes.
17. (Currently amended) A cannula having mounted thereon a hole closure device for sealing a hole in a blood vessel, the hole closure device comprising:
_____ a ring;
_____ a plurality of spikes extending from said ring towards a center of said ring and to a first direction along an axis of said ring, said spikes being adapted for engaging a blood vessel;
and
_____ a plurality of tabs extending substantially radially from said ring.

wherein rotating said tabs around said ring distorts said ring such that said spikes are rotated in a same direction as said tabs and push together blood vessel lips of a hole in a blood vessel mounted on said spikes, to close a hole in said blood vessel according to claim 1.

18. (Original) A cannula according to claim 17, wherein said cannula comprises an aortic cannula.

19. (Original) A cannula according to claim 17, wherein said cannula comprises a femoral cannula.

20. (Currently amended) A vascular port having mounted thereon a hole closure device for sealing a hole in a blood vessel, the hole closure device comprising:

a ring;

a plurality of spikes extending from said ring, towards a center of said ring and to a first direction along an axis of said ring, said spikes being adapted for engaging a blood vessel;
and

a plurality of tabs extending substantially radially from said ring,

wherein rotating said tabs around said ring distorts said ring such that said spikes are rotated in a same direction as said tabs and push together blood vessel lips of a hole in a blood vessel mounted on said spikes, to close a hole in said blood vessel according to claim 1.

21-42. (Cancelled)

43. (Original) A device for sealing a hole, comprising:

an undulating ring having a plurality of inwards pointing portions and a plurality of outwards pointing portions; and

a plurality of spikes, wherein said spikes extend towards a center of said ring from portions of said ring intermediate said inwards and said outwards pointing portions.

44. (Original) A device according to claim 43, wherein said device is formed of a single piece of sheet metal, without heat treatment after forming.

45. (Currently amended) Aa device according to claim 43, wherein said device is super-elastic.
46. (New) A device according to claim 1, wherein the ring comprises a closed ring located substantially entirely in a single plane.
47. (New) A device according to claim 1, wherein the outer perimeter of the ring is substantially entirely convex.
48. (New) A device according to claim 1, wherein said spikes are substantially perpendicular to a plane defined by said ring, at their meeting point with the ring.
49. (New) A device according to claim 1, wherein the ring is adapted to allow rotation of the tabs.
50. (New) A device according to claim 1, wherein the device is sized and shaped such that rotation of the tabs closes a hole in a blood vessel mounted on the spikes.
51. (New) A method for sealing a hole in a blood vessel, comprising:
providing a device including:
a ring;
a plurality of spikes extending from said ring, towards a center of said ring and to a first direction along an axis of said ring, said spikes being adapted for engaging a blood vessel;
and
a plurality of tabs extending substantially radially from said ring;
mounting lips of a hole in a blood vessel on the spikes; and
rotating the tabs around the ring, so as to distort said ring such that said spikes are rotated in a same direction as said tabs and the tabs push together the blood vessel lips and close the hole in said blood vessel.
52. (New) A method according to claim 51, wherein rotating the tabs comprises releasing a hold of the tabs and allowing the tabs to move due to elasticity of the device.